Hot Mett

Moonn Electronics

Use me to build version of the Invading Cannibal Ladybird designed by Fred Briggs

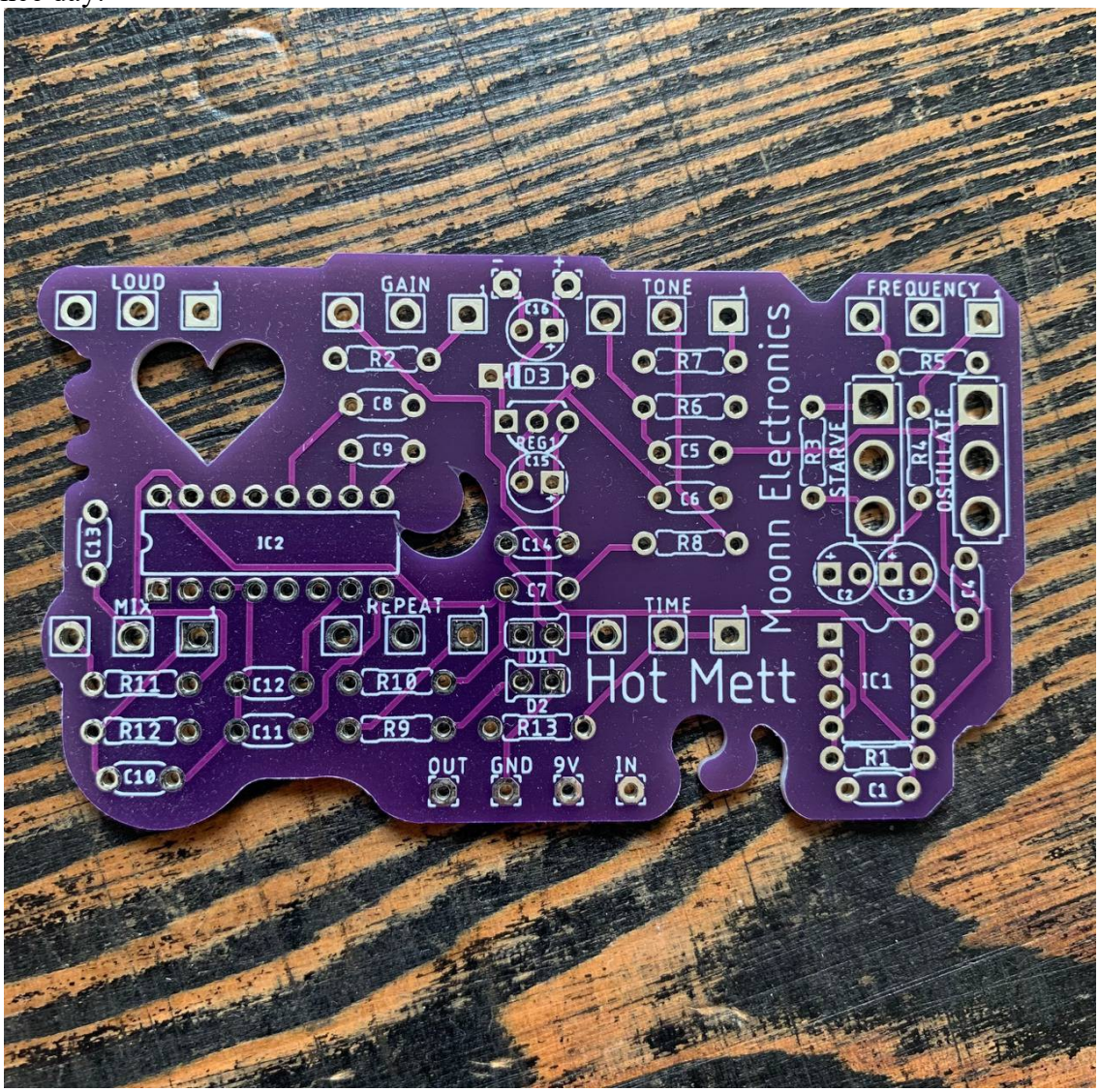
Hi there!
Thank you for building me!

You can find more information about me and a lot of other very interesting circuits on Fred Briggs website Revolution Deux http://revolutiondeux.blogspot.com/

My MIX, TIME and REPEAT pot work in the opposite was as usual and as this might be considered a feature since I am generally a little weird you might wanna swap lugs 1 and 3 of said potentiometers.

If you have any questions or anything else to say, just write an email to moonnelectronics@gmail.com

Have a nice day!



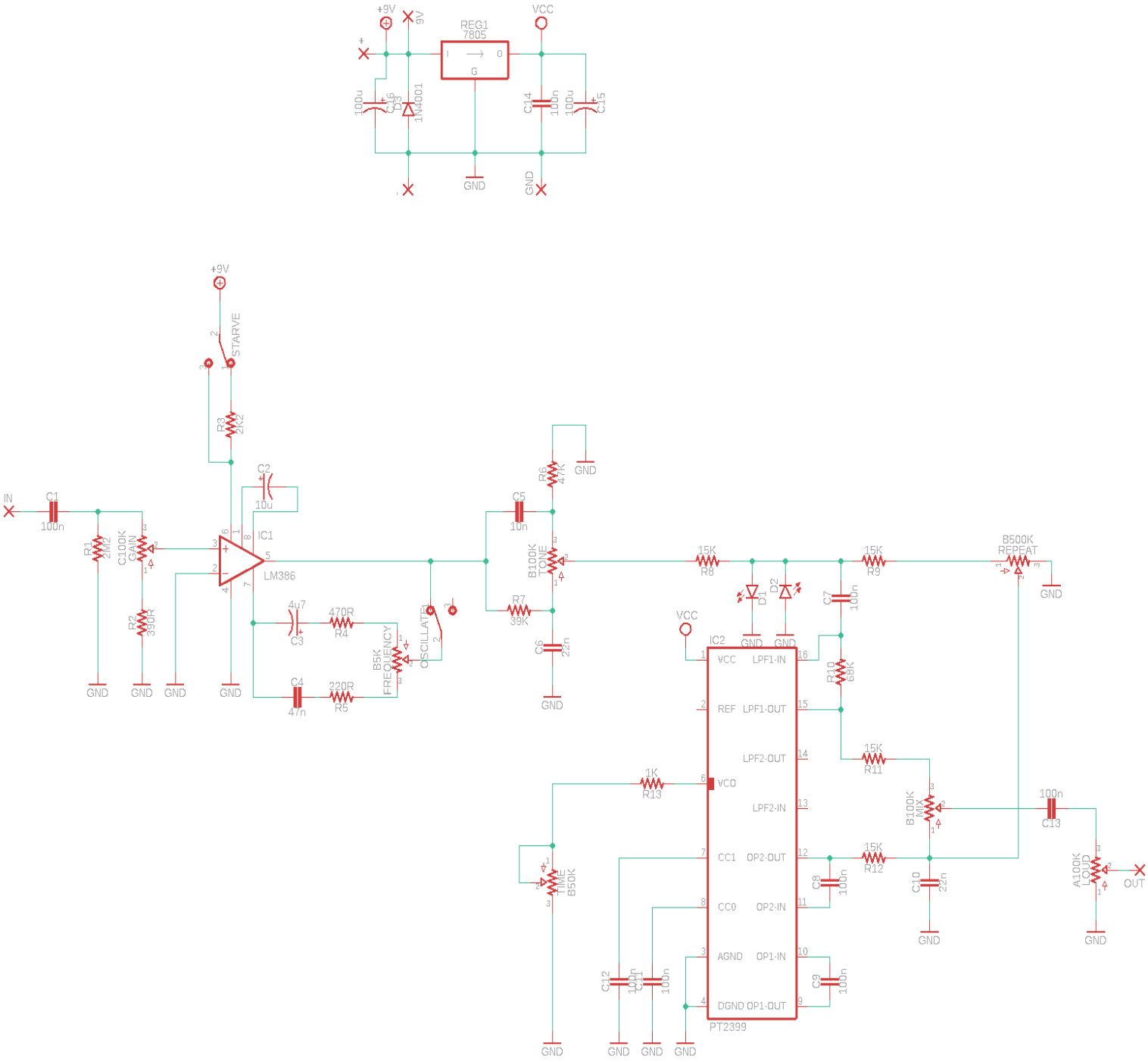
Moonn Electronics is in no way affiliated with Fred Briggs or Revolution Deux

Bill of Materials

Qty	Value	Parts
Resistors		
1	220R	R5
1	390R	R2
1	470R	R4
1	1K	R13
1	2K2	R3
4	15K	R8, R9, R11, R12
1	39K	R7
1	47K	R6
1	68K	R10
1	2M2	R1
Film Capacitors		
1	10n	C5
2	22n	C6, C10
1	47n	C4
8	100n	C1, C7, C8, C9, C11, C12, C13, C14
Electrolytic Capacitors		
1	4u7	C3
1	10u	C2
2	100u	C15, C16
Semiconductors		
2	Red LED	D1, D2
1	1N4001	D3
1	LM386	IC1
1	PT2399	IC2
1	7805	REG1
Switches and Potentiometers		
2	SPDT OnOn	OSCILLATE, STARVE
1	B5K	FREQUENCY
1	B50K	TIME*
1	A100K	LOUD
2	B100K	MIX*, TONE
1	C100K	GAIN
1	B500K	REPEAT*

*You might wanna change lugs 1 and 3 of these if you want these pots to work in th usual direction

Schematic


+9V
9V
REG1
7805
VCC
100u
C16
C13
1N4001
C14
100n
100u
C15
GND
GND
STARVE
R3
2K2
C2
10u
IN
C1
100n
R1
2M2
C100K
GAIN
R2
330R
IC1
LM386
4u7
C3
470R
R4
C4
47n
220R
R5
B5K
FREQUENCY
OSCILLATE
R6
47K
C5
10n
B100K
TONE
R7
39K
C6
22n
15K
R8
D1
D2
15K
R9
B500K
REPEAT
C7
100n
VCC
IC2
VCC
LPF1-IN
REF
LPF1-OUT
LPF2-OUT
VCO
LPF2-IN
CC1
OP2-OUT
CC0
OP2-IN
AGND
OP1-IN
DGND
OP1-OUT
PT2399
R10
68K
15K
R11
1K
R13
B100K
MIX
100n
C13
15K
R12
C8
100n
C10
22n
A100K
LOUD
OUT
TIME
B50K
C12
100n
C11
100n
C9
100n

Offboard Wiring